

## Open Research Positions: PhD and Postdoctoral Researcher (m/f/d)

(Full-time, Pay Group 13 TV-L)

We are hiring a **Ph.D. student** and a **Postdoctoral researcher** in the areas of **virtual reality, augmented reality, character animation, or motion perception** in the Computer Graphics Lab at the University of Bamberg, led by Prof. Sophie Joerg. One position can start as early as January 2025, and the other one in Spring or Summer.

In our lab, we are investigating, developing, and exploring new technologies related to virtual characters, animation, VR and AR. Current interests are in embodiment of self-avatars, motion privacy in virtual reality, and augmented reality for smart city applications, and further related research projects are welcome! Come join our team and contribute to exciting advancements in these fields.

Our department has grown tremendously, having hired 14 new professors over the past three years. The number of Ph.D. students and postdoctoral researchers is increasing accordingly leading to a vibrant research community. The computer graphics lab is a part of two graduate schools, which gives researchers easy access to a network of peers.

### Requirements:

- Background in one or multiple of the following areas: computer graphics, character animation, virtual reality, augmented reality, machine learning and AI, designing and evaluating perceptual studies, or closely related fields.
- Proficiency with tools such as Unity or Unreal is desired
- For Ph.D. student position: A Master's in Computer Science or a related area (or close to completion)
- For Postdoctoral Researcher position:
  - A Ph.D. (or equivalent doctoral degree) in Computer Science or a related field (or close to completion)
  - Demonstrated ability to complete a research project
  - Track record of publications in peer-reviewed journals or conference proceedings
- Proficiency in English is required; basic knowledge of German is helpful but not mandatory. International candidates are welcome to apply!

You will receive training and mentoring to conduct original research. You will also contribute to our curriculum through teaching or assisting with teaching. You will have opportunities to collaborate with interdisciplinary teams of researchers, to engage in service and outreach, and to present your research at international conferences.

Positions are full-time and can be reduced upon request. The positions are not remote. Compensation and benefits are based on TV L-E13. Positions are initially offered for a duration of three years, with the possibility of extension.

The University of Bamberg aims to increase the ratio of women in underrepresented fields and encourages qualified women to apply. Applicants with disability (m/f/d) will be given priority if qualification and suitability are equal.

**How to apply:** Please send your application materials to [sophie.joerg@uni-bamberg.de](mailto:sophie.joerg@uni-bamberg.de) as a single pdf with the subject line: „*Application for Postdoctoral Researcher*“ or „*Application for Ph.D. Student*“. Your application materials should include a cover letter outlining your motivation and research interests, a detailed CV, transcripts, and the contact details for at least two references.

**Deadline:** Applications will be reviewed starting Dec 16 until the positions are filled.